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(54) CUSHIONING MATERIAL MADE OF CORRUGATED BOARD

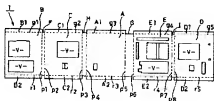
(57) Abstract:

PROBLEM TO BE SOLVED: To obtain the necessary and sufficient reinforcing effect of a cushioning material with the minimum number of corrugated board materials by a method wherein a reinforcing piece is extendedly provided as a sub-folding portion to at least one side unparallel with each main folding portion formed between two planar portions in the plural sides of each planar portion.

SOLUTION: Reinforcing pieces B1, C1, A1, E1, D1, B2, C2, A2, E2, D2 are extendedly provided respectively to lateral sides q1, q2, q3, q4, q5, r1, r2, r3, r4, r5 as sub-folding portions assuming a right angle with respect to vertical sides p1, p2, p3, p4, p5, p6, p7, p8 as main folding portions among respective sides of five

planar portions A, B, C, D, E having the substantially identical shape and size, which are formed in a corrugated board material 1 oblong in a direction parallel to the corrugation of a corrugating medium. In such a manner, by increasing the number of sheets at the planar portion and increasing the number of layers of corrugated board in the vicinity of the sides requiring reinforcement, a necessary and sufficient cushioning effect can be obtained with the minimum number of corrugated board materials.

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[News, Profiles, Stocks and More about this company](#)**Published / Filed:** 1999-04-13 / 1997-09-29**Application Number:** JP1997000264317**IPC Code:** Advanced: [B65D 5/50](#); [B65D 81/113](#);
Core: [B65D 81/107](#), more...
IPC-7: [B65D 5/50](#), [B65D 81/113](#);**Priority Number:** 1997-09-29 [JP1997000264317](#)**Abstract:** PROBLEM TO BE SOLVED: To obtain the necessary and sufficient reinforcing effect of a cushioning material with the minimum number of corrugated board materials by a method wherein a reinforcing piece is extendedly provided as a sub-folding portion to at least one side unparallel with each main folding portion formed between two planar portions in the plural sides of each planar portion.

SOLUTION: Reinforcing pieces B1, C1, A1, E1, D1, B2, C2, A2, E2, D2 are extendedly provided respectively to lateral sides q1, q2, q3, q4, q5, r1, r2, r3, r4, r5 as sub-folding portions assuming a right angle with respect to vertical sides p1, p2, p3, p4, p5, p6, p7, p8 as main folding portions among respective sides of five planar portions A, B, C, D, E having the substantially identical shape and size, which are formed in a corrugated board material 1 oblong in a direction parallel to the corrugation of a corrugating medium. In such a manner, by increasing the number of sheets at the planar portion and increasing the number of layers of corrugated board in the vicinity of the sides requiring reinforcement, a necessary and sufficient cushioning effect can be obtained with the minimum number of corrugated board materials.

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